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LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA

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BULLETIN No. 343

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SUGAR

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## NOTES AND COMMENTS.

Under this heading, as occasion arises, the Bulletins issued by this Department will contain, as an appendix, such comment as may seem necessary or advisable upon matters relating to the work of the Department in connection with the administration of the Adulteration Act, the Fertilizers Act, the Feeding Stuffs Act or the Proprietary Medicines Act.

It frequently happens that correspondents ask information regarding the above Acts, of such a nature that the matter in question possesses general interest, and comment upon it would prove acceptable and useful to others than the immediate questioner. In such cases the reply may find a place in these columns. For convenience of reference these notes will be numbered in series.

A. MCGILL,  
*Chief Analyst.*

LABORATORY  
OF THE  
INLAND REVENUE DEPARTMENT  
OTTAWA, CANADA

BULLETIN No. 343

SUGAR

OTTAWA, June 12, 1916.

J. U. VINCENT, Esq.,  
Deputy Minister of Inland Revenue.

SIR,—I beg to hand you a report upon 175 samples purchased as Sugar and 76 samples purchased as Icing Sugar, by our inspectors in December, January and February last.

Standards defining Sugar and Icing Sugar were established by Order in Council, under Section 26 of the Adulteration Act, on August 1, 1914, and are published as G. 1135 bearing date August 6, 1914, as follows:—

SUGAR.

1. Sugar is the product chemically known as Sucrose (Saccharose) and is at the present time found in commerce as obtained from Sugar Cane, Sugar Beets, Sorghum, Maple and Palm.

2. Sugar whether sold as granulated, loaf, cut, milled or powdered sugar shall contain at least 99.5 (ninety-nine and five-tenths) per cent of sucrose, and shall be free from any artificial colouring matter.

3. Icing sugar is a powdered sugar specially prepared for baker's use, and may contain starch, not to exceed five (5) per cent by weight.

The standards above defined take effect on the 7th day of September, 1914.

The results of examination may thus be summarized:—

Sugar (see Table 1).

	Samples.
Found genuine refined Sugar. . . . .	143
“ “ brown Sugar. . . . .	25
“ adulterated, as containing a dye. . . . .	6
Passed, as being very close to the standard. . . . .	1
Total. . . . .	175

Sample No. 4003, contains 99.3 instead of 99.5 per cent sucrose.

The following samples contain a blue dyestuff (apparently ultramarine) and in this respect violate standard requirements: 67498, 70567, 70108, 71947, 71953, 52310.

Standards for partially refined Sugar, have not been defined; and samples sold as brown Sugar, or yellow Sugar, are all found to be genuine, in the sense of being true to name.

Icing Sugar (see Table 11).

This form of sugar is permitted to contain starch, not in excess of 5 per cent, by weight. A small quantity of starch is apparently necessary in order to prevent the lumping of the article, when the atmospheric conditions are not satisfactory. A very small amount of moisture in the air causes finely powdered sugar to form lumps, and it is found that a small quantity of dry starch prevents this, while not interfering with the use for which the sugar is intended. It appears to be well established that from two to three per cent of dry starch is quite sufficient for this purpose. Our standards permit starch to be added, not to exceed 5 per cent.

In the case of 16 samples it will be seen that our inspectors have been supplied with powdered sugar, containing no starch, and answering the requirements of refined sugar. In four cases the excess of starch is less than 1 per cent, and I have recommended that these samples be allowed to pass. The results of examination may be thus exhibited:—

	Samples.
Found genuine as Icing Sugar. . . . .	50
" within 1 per cent and passed. . . . .	4
" to be refined Sugar. . . . .	16
" to contain decided excess starch. . . . .	4
No. 3665 nearly refined Sugar. . . . .	1
" 71957 containing almonds. . . . .	1
	<hr/> 76

This is the first occasion upon which sugar has been systematically inspected, since fixation of standards. A limited inspection of sugars was made in 1891 and is reported in Bulletin No. 25. In 21 samples of white (refined) sugar the sucrose was found to vary from 98.84 to 99.8 per cent, averaging 99.26 per cent. In 22 samples of yellow sugar, from 86.00 to 94.9 per cent sucrose was found, the average being 90.23 per cent.

I beg to recommend publication of this report as Bulletin No. 343.

I have the honour to be, Sir,  
Your obedient servant,

A. MCGILL,  
*Chief Analyst.*

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF NOVA SCOTIA—

1915.							
Dec. 28	Sugar .....	00819	A. J. Roop, New Glasgow..	3 lb..	24	Lantic Sugar Ref. Co., Montreal.	R. McGregor & Sons, New Glasgow.
" 29	" .....	00820	G. M. Lockhart & Co., New Glasgow.	3 " ..	21	" " "	" " "
" 29	" .....	00821	James Cavanagh, New Glasgow.	3 " ..	21	" " "	" " "

## DISTRICT OF PRINCE EDWARD ISLAND—

Dec. 14	Sugar .....	00401	Coffin & Co., Charlottetown.	3 lb..	23	Acadia Sugar Refinery, Halifax.	.....
" 14	" .....	00402	P. A. Smith, Charlottetown.	3 " ..	23	.....	J. A. Farquharson, Charlottetown.
" 17	" .....	00403	Beer & Goff, Charlottetown.	3 " ..	21	John Redpath Co., Montreal.	.....
" 17	" .....	00404	W. W. Walker, Charlottetown.	3 " ..	23	Atlantic Sugar Refinery, Ltd., St. John.	.....
" 17	" .....	00405	J. G. Paasmore, Charlottetown.	3 " ..	23	.....	Carvell Bros., Charlottetown.
" 21	" .....	00406	M. & A. McLeod, Charlottetown.	3 " ..	23	Atlantic Sugar Refinery, Ltd., St. John.	.....
" 24	" .....	00407	P. Trainor, Charlottetown..	3 " ..	23	.....	J. A. Farquharson, Charlottetown.
" 24	" .....	00408	J. A. Cronin, Charlottetown.	3 " ..	23	.....	Carvell Bros., Charlottetown.

## DISTRICT OF NEW BRUNSWICK—

Dec. 15	Sugar, Gran.	00201	Two Barkers, Ltd., St. John.	3 lb..	21	Acadia Sugar Ref. Co., Halifax.	.....
" 20	" "	00202	M. E. Grass, St. John....	3 " ..	24	Atlantic Sugar Ref. Co., Halifax.	.....
" 21	" Brown.	00203	W. A. Porter, St. John....	3 " ..	24	" " "	.....
" 28	" Gran..	00204	Yerxa Grocery Co., St. John.	3 " ..	24	Acadia Sugar Ref. Co., Halifax.	.....
" 29	" B. Yellow.	00205	G. E. Barbour Co., Ltd., St. John.	3 " ..	20	" " "	.....



## SUGAR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ences.						

## WALTER A. PETIPAS, TEMPORARY INSPECTOR.

.....	+ 99.6	- 32.5	132.1	99.58	.....	.....	None.	00010	Refined Sugar. Genuine.
.....	+ 99.6	- 32.6	132.2	99.65	.....	.....	"	00020	"
.....	+ 87.9	- 29.7	117.6	88.65	6.65	2.00	"	00021	Brown Sugar.

## WM. A. WEEKS, INSPECTOR.

.....	+ 99.7	- 32.8	132.5	99.88	.....	.....	None.	00401	Refined Sugar. Genuine.
.....	+ 99.6	- 32.5	132.1	99.56	.....	.....	"	00402	"
.....	+ 99.9	- 32.8	132.7	100.40	.....	.....	"	00403	"
.....	+ 99.8	- 32.8	132.6	99.96	.....	.....	"	00404	"
.....	+ 99.65	- 32.6	132.45	99.84	.....	.....	"	00405	"
.....	+ 99.5	- 32.6	132.3	99.73	.....	.....	"	00406	"
.....	+ 99.85	- 32.5	132.35	99.77	.....	.....	"	00407	"
.....	+ 99.45	- 32.4	131.85	99.50	.....	.....	"	00408	"

## JOHN C. FERGUSON, INSPECTOR.

.....	+ 99.75	- 32.8	132.55	99.90	.....	.....	None.	00201	Refined Sugar. Genuine.
.....	+ 99.6	- 32.4	132.0	99.56	.....	.....	"	00202	"
.....	+ 87.6	- 29.5	117.1	88.27	7.35	2.60	"	00203	Brown Sugar.
.....	+ 99.5	- 32.7	132.2	99.65	.....	.....	"	00204	Refined Sugar. Genuine.
.....	+ 88.7	- 29.5	118.2	89.10	6.80	1.40	"	00205	Brown Sugar.

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF NEW BRUNSWICK—							
1916.							
Jan. 6	Sugar, Gran.	66206	McAleenan & Brown, St. Stephen.	3 lb.	25	Acadia Sugar Ref. Co., Halifax, N.S.	.....
" 6	" Brown.	66207	Fred. E. Rose, St. Stephen.	3 "	18	.....	G. E. Barbour Co., St. John.
" 13	" Gran.	66208	Watson & True, Woodstock.	3 "	25	Atlantic Sugar Ref. Co., St. John.	.....
Feb. 9	" Brown.	66209	Mrs. P. White, Moncton.	3 "	21	.....	H. W. Cole, Ltd., St. John.
" 11	" Gran.	66210	J. B. Snowball Co., Ltd., Chatham.	3 "	24	Dom. Sugar Co., Wallaceburg, Ont.	.....

## DISTRICT OF QUEBEC CITY—

1915.							
Dec. 13	Sugar . . .	56564	Pro. Cliche, 131 Stadacona, Quebec.	3 lb.	23	Redpath, Montreal Co.	Quebec Preserv. Co.
" 13	" . . .	56573	L. T. Turgeon, 46 Stadacona, Quebec.	3 "	23	" " . . .	" . . .
" 13	" . . .	56574	M. Bernard, 1st Ave Stadacona, Quebec.	3 "	21	Unknown . . .	Unknown . . .
" 13	" . . .	56575	Ph. Sanfacon, 2nd Ave Stadacona, Quebec.	3 "	24	Acadia Co . . .	J. B. Renaud . . .
" 13	" . . .	56576	Mme V. J. Paré, 2 Domaine Lairret, Quebec.	3 "	23	" . . .	" . . .
" 14	" . . .	56577	J. Falardeau, 18 1st Ave, Limoilou.	3 "	21	Redpath Co . . .	" . . .
" 14	" . . .	56578	V. Dion, 100 3rd Ave, Limoilou.	3 "	23	" . . .	Langlois & Paradis.
" 14	" . . .	56579	J. Lajeunesse 54 4th Ave, Limoilou.	3 "	24	" . . .	Unknown . . .
" 14	" . . .	56580	F. N. Rouaseau, 37 2nd Ave, Limoilou.	3 "	23		
" 14	" . . .	56581	O. St. Laurent, 1st Rue, Limoilou.	3 "	24	Lantic Sugar Co.	J. A. Turcotte Cie.

## DISTRICT OF QUEBEC PROVINCE—J. E. AUDET, O. BROCHU—

Dec. 15	Sugar . . .	3644	C. Noel, St. Jean Chrysostome.	3 lb.	21		Carrier & Fils, Lévis.
" 20	" . . .	3650	L. Lemieux, St. Lambert.	3 "	24		Ed. Couture, Lévis.
" 21	" . . .	3653	N. Demers, St. Gile.	3 "	24		Quebec Preserving Co.
" 21	" . . .	3657	O. Fradette, St. Narcisse.	3 "	24		N. Rioux, Quebec.
" 22	" . . .	3660	A. Mercier, St. Patrice.	3 "	24		Quebec Preserving Co.
" 13	" gran.	4133	Cléophas Beaudoin, Armagh.	3 "	24	Atlantic Sugar Ref. Co., Montreal.	



No. 343—

## SUGAR.

ness of  
isher as given  
or.

Furnisher.

NSWICK—

E. Barbo  
o., St. John.W. Cole,  
td., St. John.

BEC CITY—

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o.

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B. Renaud...

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Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as invert sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ence.						
Concluded.									
	+ 99.35	- 32.7	132.06	99.54	.....	.....	None...	66206	Refined Sugar. Gen- uine.
	+ 92.4	- 30.4	122.8	92.07	4.22	2.42	"	66207	Light Brown Sugar.
	+ 99.6	- 32.7	132.3	99.73	.....	.....	"	66208	Refined Sugar. Gen- uine.
	+ 91.5	- 30.7	122.2	92.11	5.06	2.05	"	66209	Light Brown Sugar.
	+ 99.7	- 32.7	132.4	99.81	...	.....	"	66210	Refined Sugar. Gen- uine.

F. X. W. E. BELAND, INSPECTOR.

	+ 99.5			99.5			None...	56534	Refined sugar genuine.
	+ 99.8			99.8			"	56573	" "
	+ 99.8			99.8			"	56574	" "
	+ 99.6			99.6			"	56575	" "
	+ 99.9			99.9			"	56576	" "
	+ 99.9			99.9			"	56577	" "
	+ 99.9			99.9			"	56578	" "
	+ 99.9			99.9			"	56579	" "
Bombe Cane Sugar.	+ 99.6			99.6			"	56580	" "
	+ 99.8			99.8			"	56581	" "

T. GENDREAU, A. PELLETIER, AND N. CADIEUX, TEMPORARY INSPECTORS.

	+ 99.6	- 32.6	132.2	99.65			None...	3644	Refined sugar genuine.
	+ 99.7	- 32.8	132.5	99.88			"	3650	" "
	+ 99.55	- 32.7	132.25	99.60			"	3653	" "
	+ 99.65	- 32.6	132.25	99.60			"	3657	" "
	+ 99.5	- 32.6	132.1	99.58			"	3660	" "
	+ 100.0			100.0			"	4433	" "

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF QUEBEC PROVINCE—

1915.							
Dec. 21	Sugar	4436	A. E. Lamarie, St. Valier.	3 lb	23	Atlantic Sugar Ref. Co., Montreal.	
" 23	"	4455	Arthur Arsenault, St. Gervais.	3 "	23	Redpath Co.	
" 23	" gran.	4456	Michel Lacroix, St. Raphael.	3 "	21		N. Turcotte & Cie.
" 24	" ground	4462	Arthur Fradette, Armagh.	1½ "	15	Redpath Sugar Refineries.	
" 18	"	72201	Anselme Provost, St. Francis.	3 "	24		N. Turcotte, Quebec.
" 24	"	72211	Alex. Fournier, Montmagny.	3 "	24		M. Rioux, Quebec.
" 27	"	72215	Alphonse Letourneau, St. Pierre.	3 "	24	Atlantic Sugar Refin., Montreal.	
" 28	"	72223	Jos. Dubé, Cap St. Ignace.	3 "	24		N. Turcotte, Quebec.
" 29	"	72226	Dame A. Bernier, St. Thomas.	3 "	24		Langlois & Paradis, Quebec.
" 22	"	4904	Louis A. Aubu, Bic.	3 "	26	Atlantic Sugar Ref. St. John.	Carrier & fils, Louis.
" 22	"	4911	J. Ernest Rioux, Bic.	3 "	23	Acadia Sugar Ref. Halifax.	Langlois & Paradis, Quebec.
" 22	"	4916	P. E. Danjous & fils, Bic.	3 "	23		J. B. Renaud, Quebec.
" 23	"	4921	Gagné & Belcille, St. Fabien.	3 "	23		"
" 23	"	4920	Pelletier & Belanger, St. Fabien.	3 "	23	Atlantic Sugar Ref. Halifax.	N. Rioux, Quebec.
" 16	"	343	Chs. E. Lafflamme, St. Jerome.	3 "	21	Redpath's	
" 18	"	349	Charlemagne Huot, St. Jerome.	3 "	24		J. A. Vaillancourt, Montreal.
" 28	"	352	Noe Forget, Ste. Agathe des Monts.	3 "	24		Hudon & Orsali,
" 28	"	353	Gédéon Côté, Ste. Agathe des Monts.	3 "	24		Chaput Fils.
" 28	"	354	Mde. L. W. Busette, Ste. Agathe des Monts.	3 "	24		Hudon Hébert.

## DISTRICT OF THREE RIVERS—

Dec. 14	Sugar	69189	Camille Barrette, Joliette.	3 lbs.	21	Atlantic Sugar Co., Ltd., Montreal.	
" 15	"	69191	Nap. Charbonneau, St. Matha.	3 "	21	"	
" 16	"	69193	Nap. Bolduc, St. Damien.	3 "	23	"	
" 17	"	69197	Arcade Brault, Ste. Melanie.	3 "	23	Redpath Sugar Ref. Co.	Magnan Chevalier, Joliette.

## SUGAR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ence.						

Concluded.

.....	+ 99.8			99.8			None...	4436	Refined Sugar. Genu-
.....	+ 99.6			99.6			"	4455	" "
.....	+ 100.0			100.0			"	4456	" "
.....	+ 99.9			99.9			"	4462	" "
.....	+ 99.9			99.9			"	72201	" "
.....	+ 99.5			99.5			"	72211	" "
.....	+ 99.8			99.8			"	72215	" "
.....	+ 99.8			99.8			"	72223	" "
.....	+ 99.6			99.6			"	72226	" "
.....	+ 99.55	- 32.5	132.05	99.54			"	4904	" "
.....	+ 99.85	- 32.6	132.45	99.84			"	4911	" "
.....	+ 99.75	- 32.4	132.15	99.61			"	4916	" "
.....	+ 99.65	- 32.5	132.15	99.61			"	4921	" "
.....	+ 99.45	- 32.6	132.05	99.54			"	4925	" "
.....	+ 99.7			99.7			"	343	" "
.....	+ 100.0			100.0			"	349	" "
.....	+ 99.6			99.6			"	352	" "
.....	+ 99.8			99.8			"	353	" "
.....	+ 99.7			99.7			"	354	" "

DR. V. P. LAVALLEE, INSPECTOR.

.....	+ 99.9			99.9			None...	60189	Refined Sugar. Genu-
.....	+ 99.8			99.8			"	60191	inc. " "
.....	+ 99.9			99.9			"	60193	" "
.....	+ 99.9			99.9			"	60197	" "

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF EASTERN TOWNSHIPS—

1915.							
Dec. 14	Sugar .....	4001	A. Gervais, St. Hyacinthe..	3 lbs.	23	E. Lafrance, St. Hyacinthe.	.....
" 16	" .....	4002	J. O. Gauthier, Drummondville.	3 "	21	Atlantic S.R. Ltd.	.....
" 16	" .....	4003	O. L. Piche, "	3 "	21	" "	.....
" 16	" .....	4004	A. Soly, "	3 "	21	Atlantic S.R. Ltd.	.....
" 16	" .....	4005	T. A. Bourgault, "	3 "	23	" "	.....
" 17	" .....	4006	S. Bourgeois et Cie, St. Hyacinthe.	3 "	21	L. Chaput & Fils, Montreal.	.....
" 17	" .....	4007	Bazinot & Frere, "	3 "	23	Lacaille & Gendreau.	.....

## DISTRICT OF MONTREAL—

1916.							
Feb. 7	Sugar ....	67491	H. Hazel, 303 Charlevoix St., Montreal.	3 lbs.	23	.....	Unknown.....
" 7	" .....	67492	J. A. Bourdeau, 306 Charlevoix St., Montreal.	3 "	21	.....	L. Chaput Fils & Cie.
" 7	" .....	67493	T. M. Taylor, & Sons, 330 Charlevoix St., Montreal.	3 "	21	.....	Joseph Ward & Co.
" 7	" .....	67494	A. Wolgensinger, 394 Charlevoix St., Montreal.	3 "	23	.....	Hudon & Orsali.
" 7	" .....	67495	R. Mercier, 430 Charlevoix St., Montreal.	3 "	23	.....	Laporte Martin Co.
" 7	" .....	67496	A. Jean, 471 Charlevoix St., Montreal.	3 "	23	.....	Hudon Hebert Co.
" 8	" .....	67497	N. Lalonde, 361 Charlevoix St., Montreal.	3 "	23	.....	Unknown .....
" 7	" .....	67498	Boisvert Bros., 354 Hibernia St., Montreal.	3 "	21	Dom. Sugar Co....	.....
" 7	" .....	67499	R. Gough, 351 Hibernia St., Montreal.	3 "	23	.....	D. C. Brosseau..
" 7	" .....	67500	D. Hadden, 1 Rushbrooke St., Montreal.	3 "	23	.....	Wm. Galbraith..

## DISTRICT OF NOVA SCOTIA—

Feb. 21	Sugar .....	64371	J. L. Wilson & Co., Halifax.	3 lbs.	21	Acadia Sugar Ref. Co. Halifax.	Mfrs.....
" 22	" .....	64372	John Tobin & Co., "	3 "	22	" "	" .....

## SUGAR.

Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis.						No. of Sample.	Remarks and Opinion of the Chief Analyst.	
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Moisture.			Dyes.
	Direct.	Invert.	Differ- ence.						

## E. BLONDIN, TEMPORARY INSPECTOR.

.....	+ 99.9	.....	.....	99.9	.....	.....	None...	4001	Refined Sugar. Genuine.
.....	+ 99.7	.....	.....	99.7	.....	.....	"	4002	"
Blue Star Brand.	+ 99.3	.....	.....	99.3	.....	.....	.....	4003	Nearly refined Sugar. Pass.
.....	+ 99.9	.....	.....	99.9	.....	.....	"	4004	Refined Sugar. Genuine.
.....	+ 99.6	.....	.....	99.6	.....	.....	"	4005	"
.....	+ 100.0	.....	.....	100.0	.....	.....	"	4006	"
.....	+ 99.6	.....	.....	99.6	.....	.....	"	4007	"

## D. J. KEARNEY, INSPECTOR.

.....	+ 99.7	.....	.....	99.7	.....	.....	None...	67491	Refined Sugar. Genuine.
.....	+ 99.5	.....	.....	99.5	.....	.....	"	67492	"
.....	+ 99.6	.....	.....	99.6	.....	.....	"	67493	"
.....	+ 99.9	.....	.....	99.9	.....	.....	"	67494	"
.....	+ 99.6	.....	.....	99.6	.....	.....	"	67495	"
.....	+ 99.7	.....	.....	99.7	.....	.....	"	67496	"
.....	+ 99.9	.....	.....	99.9	.....	.....	"	67497	"
.....	+ 99.9	.....	.....	99.9	.....	Present.	.....	67498	Contains a blue dye.
.....	+ 99.6	.....	.....	99.6	.....	None...	.....	67499	Refined Sugar. Genuine.
.....	+ 100.0	.....	.....	100.0	.....	.....	"	67500	"

## R. J. WAUGH, INSPECTOR.

Granulated .....	+ 90.5	- 32.8	132.3	90.73	.....	.....	None...	64371	Refined Sugar. Genuine.
" .....	+ 90.75	- 32.8	132.55	90.90	.....	.....	"	64372	"

## BULLETIN NO. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF VALLEYFIELD—

1915.							
Dec. 28	Sugar .....	62901	V. Gregoire, St. Johns, P.Q.	3 lbs.	23	Acadia S. R. Co., Ltd.	
1916.							
Jan. 4	" .....	62902	J. E. Leduc, Alexandria ..	3 "	23	Atlantic S. R., Ltd.	
" 4	" .....	62903	J. A. Lalonde, Alexandria ..	3 "	23		
" 12	" .....	62904	W. J. McPherson, Valley field.	3 "	21	Canada Sugar R. Co., Ltd.	
" 12	" .....	62905	E. Doin, Valleyfield .....	3 "	21		
" 13	" .....	62906	Dupuis and St. Marie, St. Lambert.	3 "	21		
" 13	" .....	62907	D. Seward, Hawkesbury .....	3 "	23		Birks Corner & Co., Montreal.
" 19	" .....	62908	V. Doré, Longueuil .....	3 "	21	Canada Sugar R. Co., Ltd.	
" 19	" .....	62909	Z. Lamarie, Longueuil .....	3 "	23		
" 20	" .....	62910	C. Reginbal, Buckingham ..	3 "	21	Canada Sugar R. Co., Ltd.	

## DISTRICT OF OTTAWA—

1915.							
Dec. 8	Sugar ..	70557	Wm. Jenkins, Carleton Place.	3 lbs.	23		
" 11	" .....	70567	W. G. Becksted, Morrisburg	3 "	20	Dom. Sugar Co., Wallaceburg.	
" 11	" .....	70577	Bradfield Bros. & Co., Morrisburg.	3 "	25	Dom. Sugar Co., Wallaceburg.	
" 13	" .....	70580	A. E. Fairburn, 1330 Bank St., Ottawa.	3 "	30		F. J. Castle, Co., Ottawa.
" 20	" .....	70609	J. Bullman, 1233 Wellington St., Ottawa.	3 "	30		H. N. Bate & Sons, Ottawa.
" 24	" .....	70625	H. Dover, Eganville .....	3 "	21	Redpaths, Montreal.	
" 28	" .....	70636	Louis Larocque & Fils, Alfred.	3 "	21	Unknown.	
" 30	" .....	70649	King George Grocery, Somerset St., Ottawa.	3 "	30	Canada Sugar Ref., Montreal.	
" 30	" .....	70653	T. E. Macdonald, 711 Somerset St., Ottawa.	3 "	30	Redpath's Montreal.	
" 30	" .....	70654	James Milk, Somerset & Preston Sts., Ottawa.	3 "	30	Unknown.	
1916.							
Jan. 4	" .....	70658	J. H. McKeen, 991 Bank St., Ottawa.	2 "	25	Henry Tate & Sons, Ltd., London, Eng.	H. N. Bate & Sons, Ottawa.



## SUGAR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ence.						

J. J. COSTIGAN, ACTING INSPECTOR.

	+100.0			100.0			None	62901	Refined Sugar.	Genuine.
	+ 99.8			99.8			"	62902	"	"
	+ 99.9			99.9			"	62903	"	"
	+ 99.9			99.9			"	62904	"	"
	+ 99.9			99.7			"	62905	"	"
Lactic..	+ 99.7			99.7			"	62906	"	"
	+100.0			100.0			"	62907	"	"
	+ 99.7			99.7			"	62908	"	"
	+ 99.7			99.7			"	62909	"	"
	+ 95.5	-32.45	127.95	95.48	3.85	0.48	"	62910	Brown Sugar.	

J. A. RICKEY, INSPECTOR.

Granulated.	+ 99.8			99.8			None	70657	Refined Sugar.	Genuine.
"	+ 99.9			99.9			Present.	70657	Contains a blue dye.	
"	+ 99.9			99.9			None	70677	Refined Sugar	Genuine.
Leaf	+100.0			100.0			"	70680	"	"
	+ 99.9			99.9			"	70609	"	"
Brown	+ 95.0	-33.01	127.01	94.96	3.98	0.58	"	70635	Brown Sugar.	
	+ 94.0	-31.9	125.9	93.9	5.05	0.57	"	70636	"	
Powered	+ 99.9			99.9			"	70649	Refined Sugar.	Genuine.
	+ 99.9			99.9			"	70653	"	"
Leaf	+ 99.7			99.7			"	70654	"	"
Tea Cubes. Absolutely pure.	+100.0			100.0			"	70658	"	"

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF KINGSTON—

1915.							
Dec. 9	Sugar.....	71701	C. R. McLeod, Kingston....	3 lb.	24		Geo. Robertson Son, Kingston.
" 9	" .....	71702	S. J. Watts, " .....	3 "	24		A. Maclean, Kingston.
" 9	" .....	71703	W. J. Arniel, " .....	3 "	24		" "
" 10	" .....	71704	P. A. Haffner, " .....	3 "	21		" "
" 10	" .....	71705	J. Cullen, " .....	3 "	24		" "
" 10	" .....	71706	C. H. Pickering, " .....	3 "	24		Robertson & Nicolle, Kingston.
" 10	" .....	71707	Anderson & Bros., " .....	3 "	25		W. G. Craig Co., Kingston.
" 13	" .....	71708	Wallbridge & Clarke, Belle-ville.	3 "	24	Redpath Montreal.	
" 13	" .....	71709	A. G. Vermilyea, Belleville.	3 "	24		J. Sloan Co., Belleville.
" 13	" .....	71710	F. O. Diamond & Son Belle-ville.	3 "	23	Unknown .....	

## DISTRICT OF TORONTO—

Dec. 14	Sugar. ....	70101	W. B. Pringle, Whitby.....	3 lb.	23		James Lumbers & Co., Toronto.
" 15	" .....	70102	Willard & Co., Port Perry..	3 "	21	St. Lawrence Sugar Ref. Co., Montreal.	
" 15	" .....	70103	Dobson & Crosby, Uxbridge.	3 "	22	" "	
" 16	" .....	70104	Kift & Co., Cannington ..	34 "	25	Unknown .....	
" 17	" .....	70105	D. J. Dunsheath, Beaverton.	3 "	21	Redpath Montreal.	
" 20	" .....	70106	J. P. Turner & Son, 185 Sumack St., Toronto.	3 "	21		Armstrong & Pafford, Toronto.
" 20	" .....	70107	T. J. Struters, 144 Queen St. E., Toronto.	34 "	25		Thos. Kinneer & Co., Toronto.
" 23	" .....	70108	The Loblaw Stores, 419 Yonge St., Toronto.	3 "	23	Dom. Sugar Co., Wallaceburg.	
" 24	" .....	70109	R. Lawson, 350 Spadina Ave., Toronto.	3 "	21		F. W. Humphrey, Toronto.
" 27	" .....	70110	P. J. Kelly, 129 George St., Toronto.	3 "	21		Midland Bros., Toronto.

## SUGAR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ence.						

## JAMES HOGAN, INSPECTOR.

Robertson Kingston. clean, ston.	+ 99.9			99.9			None...	71701	Refined Sugar. Genuine.
"	+ 99.7			99.7			"	71702	" "
"	+ 99.6			99.6			"	71703	" "
"	+ 100.0			100.0			"	71704	" "
"	+ 99.8			99.8			"	71705	" "
son & Nic- Kingston. Craig Co., ston.	+ 99.9			99.9			"	71706	" "
"	+ 99.9			99.9			"	71707	" "
"	+ 99.7			99.7			"	71708	" "
an Co., ville.	+ 99.9			99.9			"	71709	" "
"	+ 99.6			99.6			"	71710	" "

## H. J. DAGER, INSPECTOR.

Lumber Toronto.	Granulated.....	+ 100.0			100.0			None...	70101	Refined Sugar. Genuine.
"	Brown.....	+ 92.0	- 31.36	123.33	92.0			"	70102	Brown Sugar.
"	"	+ 90.2	- 31.02	121.52	90.6	8.63	1.30	"	70103	" "
"	Granulated.....	+ 100.0			100.0			"	70104	Refined Sugar. Genuine.
"	Brown.....	+ 91.0	- 30.58	121.58	90.7	6.16	0.81	"	70105	Brown Sugar.
strong & ord, Tor-	"	+ 89.6	- 29.7	119.3	89.0	6.94	1.00	"	70106	" "
Kinross & Toronto.	Granulated.....	+ 99.6			99.6			"	70107	Refined Sugar. Genuine.
"	"	+ 100.0			100.0			Present.	70108	Contains a blue dye.
Humphrey, nto.	Brown.....	+ 91.5	- 31.35	122.85	91.67	6.54	0.73	None...	70109	Brown Sugar.
nd Bros., nto.	"	+ 92.5	- 31.45	123.95	92.5	6.00	0.75	"	70110	" "

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF WINDSOR—

1916.							
Jan	11	Sugar	54525 E. E. Hunniford, Clinton	3 lb.	24	Redpath, Montreal	
"	11	"	54527 J. P. Sheppard & Co., Clinton	3 "	25		E. Adams & Co., London.
"	11	"	54530 Cantelon Bros., Clinton	3 "	25	Redpath, Montreal	
"	13	"	54553 Thos. Daly, Seaforth	3 "	25	Dom. Sugar Co., Wallaceburg.	
"	13	"	54555 M. Williams, Seaforth	3 "	24	Acadia Sugar Co., Halifax.	
"	13	"	54557 G. D. Haigh, Seaforth	3 "	21		E. Adams & Co., London.

## DISTRICT OF MANITOBA—

1915.							
Dec.	21	Sugar	71947 Francis & Francis, Hedding	3 lb.	25	Dom. Sugar Co., Berlin, Ont.	
"	30	"	71948 Wright & Co., Minnedosa	3 "	25	Redpath, Montreal	
"	31	"	71949 W. M. Kennedy, Neepawa	3 "	25	Campbell Bros. & Wilson, Winnipeg	
"	31	"	71950 Wm. Howatt, Neepawa	3 "	30	Redpath, Montreal	
1916.							
Jan.	4	"	71951 W. C. McShane, Souris	3 "	25	" "	
"	5	"	71952 J. T. Garry, Souris	3 "	25	" "	
"	6	"	71953 A. I Grocery, Brandon	3 "	30	Dom. Sugar Co., Wallaceburg.	
"	7	"	71954 Scales & Carscadden, Virden	3 "	30	Redpath, Montreal	
"	9	"	71955 Pears Grocery, Westminster Ave., Winnipeg	3 "	30	St. Lawrence Sugar Co., Montreal.	
"	9	"	71956 J. H. Grainger, Westminster Ave., Winnipeg	3 "	30	Atlantic Sugar Refinery, Montreal.	

## DISTRICT OF SASKATCHEWAN—

1915.							
Dec.	14	Sugar	71504 M. Devlin, Avonlea	3 lb.	25	B. C. Sugar Ref., Vancouver.	McDonald Crawford Co., Moose Jaw.
"	15	"	71507 Avonlea Mercantile Co., Avonlea	3 "	25	" "	Moore Grocery Co., Moose Jaw
"	16	"	71511 E. P. Mullins, Yellow Grass	3 "	30	" "	McDonald Crawford Co., Moose Jaw.
"	16	"	71514 Hector Hay, Yellow Grass	3 "	25	" "	Campbell, Wilson & Strathdee, Regina.
"	17	"	71523 McKinnon's, Weyburn	3 "	25	Dom. Sugar Co., Wallaceburg.	Manufacturer...

## SUGAR.

Inspector's Report. (Is not an expression of Opinion.	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ence.						

## JOHN TALBOT, INSPECTOR.

.....	+ 99.9	.....	.....	99.9	.....	.....	None...	54525	Refined Sugar. Genu- ine.
Musquvada, . . .	+ 98.5	- 30.3	128.8	97.1	0.76	0.2	"	54527	Brown Sugar.
.....	+ 99.9	.....	.....	99.9	.....	.....	"	54530	Refined Sugar. Genu- ine.
Labelled Pure Cane Sugar.	+100.0	.....	.....	100.0	.....	.....	"	54553	" "
.....	+100.0	.....	.....	100.0	.....	.....	"	54555	" "
.....	+ 99.6	.....	.....	99.6	.....	.....	"	54537	" "

## J. B. COSGROVE, INSPECTOR.

Granulated. ....	.....	.....	.....	100.0	.....	.....	Present.	71947	Artificially coloured with blue dye.
" .....	.....	.....	.....	100.0	.....	.....	None...	71948	Refined Sugar. Genu- ine.
" .....	.....	.....	.....	100.0	.....	.....	"	71949	" "
" .....	.....	.....	.....	100.0	.....	.....	"	71950	" "
" .....	.....	.....	.....	100.0	.....	.....	"	71951	" "
" .....	.....	.....	.....	99.8	.....	.....	"	71952	" "
" .....	.....	.....	.....	100.0	.....	.....	Present.	71953	Artificially coloured with blue dye.
" .....	.....	.....	.....	100.0	.....	.....	None...	71954	Refined Sugar. Genu- ine.
" .....	.....	.....	.....	99.8	.....	.....	"	71955	" "
" .....	.....	.....	.....	99.8	.....	.....	"	71956	" "

## L. H. HALL, TEMPORARY INSPECTOR.

.....	.....	.....	.....	99.6	.....	.....	None...	71504	Refined Sugar. Genu- ine.
.....	.....	.....	.....	99.9	.....	.....	"	71507	" "
.....	.....	.....	.....	99.8	.....	.....	"	71511	" "
.....	.....	.....	.....	100.0	.....	.....	"	71514	" "
.....	.....	.....	.....	100.0	.....	.....	"	71523	" "

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF ALBERTA—

1916.							
Feb. 10	Sugar . . . . .	52301	J. H. Morris & Co., Edmon- ton.	3 lb. . .	50	B. C. Sugar Ref. Co., Vancouver.	
" 10	" . . . . .	52302	J. A. Hallier, Edmonton....	3 " . .	50	" "	
" 11	" . . . . .	52303	Johnston Walker Ltd., Ed- monton.	3 " . .	25	" "	
" 11	" . . . . .	52304	Hudson's Bay Co., Edmon- ton.	3 " . .	25	" "	
" 11	" . . . . .	52306	James Ramsay Ltd., Ed- monton.	3 " . .	25	" "	
" 14	" . . . . .	52308	J. J. Christopher, Wetaski- wille.	3 " . .	25	" "	
" 16	" . . . . .	52307	L. J. Adams, Stettler . . .	3 " . .	25	" "	
" 17	" . . . . .	52308	T. A. Gaetz, Red Deer . . .	3 " . .	25	" "	
" 17	" . . . . .	52309	S. G. Freeze, Calgary. . . .	3 " . .	25	" "	
" 22	" . . . . .	52310	Hudson's Bay Co., Calgary	3 " . .	25	Dom. Sugar Co., Wallaceburg.	

## DISTRICT OF ROCKY MOUNTAINS—

1915.							
Dec. 16	Sugar . . . . .	68119	Union Cash Grocery, Nelson	3 lb. . .	30	B. C. Sugar Ref. Co., Vancouver.	
1916.							
Jan. 7	" . . . . .	68142	J. Manning, Cranbrook . . .	3 " . .	25	" "	
" 12	" . . . . .	68162	Salmo Trading Co., Salmo. .	3 " . .	25	" "	
" 17	" . . . . .	68171	W. R. Braden, Rossland. . .	3 " . .	25	" "	

## DISTRICT OF VANCOUVER—

1916.							
Jan. 13	Sugar . . . . .	55416	T. W. Turner, 890 Pender St. W., Vancouver.	3 lb. . .	30	B.C. Sugar Ref. Co., Vancouver.	
" 13	" . . . . .	55417	Henderson's Groceries, Ltd., Pender and Nicola St., Vancouver.	3 " . .	50	" "	
" 14	" . . . . .	55418	F. Wright, 645 Seymour St., Vancouver.	3 " . .	30	" "	
" 14	" . . . . .	55419	W. H. Edgett & Co., 118 Hastings St. W., Van- couver.	3 " . .	25	" "	
" 15	" . . . . .	55420	S. T. Wallace, 44 Hastings St. W., Vancouver.	3 " . .	30	" "	
" 15	" . . . . .	55421	C. O. Stores, 106 Hastings St. W., Vancouver.	3 " . .	25	" "	



## SUGAR.

Inspector's Report. (Is not an expression of opinion).	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Mixture.	Dyes.		
	Direct.	Invert.	Differ. calc.						

## A. W. R. MARKLEY, INSPECTOR.

Brown.....				91.06	3.96	2.25		52301	Brown sugar.
Granulated.....				90.8				52302	Refined sugar, genuine.
Brown.....				86.17	6.41	2.90		52303	Brown sugar.
".....				92.47	3.80	1.50		52304	"
Lump, Grocers Brand.....				90.7				52305	Refined sugar, genuine.
Brown, Rogers Brand.....				91.00	5.06	2.05		52306	Brown sugar.
Granulated, Rogers Brand.....				90.8				52307	Refined sugar, genuine.
Brown.....				90.17	4.86	2.30		52308	Brown sugar.
Granulated Cane Sugar.....				90.8				52309	Refined sugar, genuine.
" ".....				90.7			Present.	52310	Contains a blue dye.

## THOS. PARKER, INSPECTOR.

				90.9				68119	Refined sugar, genuine.
				90.7				68142	" "
Yellow.....				92.01	3.86	2.05		68162	Brown sugar.
".....				92.78	3.90	1.60		68171	"

## E. J. MORGAN, INSPECTOR.

Granulated.....				90.7				55416	Refined Sugar. Genuine.
".....				90.9				55417	" "
".....				90.9				55418	" "
Brown.....				91.00	4.64	2.40		55419	Brown Sugar.
Lump.....				90.8				55420	Refined Sugar. Genuine.
Brown.....				89.55	5.70	2.70		55421	Brown Sugar.

## BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cent.	Manufacturer.	Furnisher.

## DISTRICT OF VANCOUVER—

1916							
Jan. 18	Sugar .....	55422	A. & C. Grocery Co., 520 Granville St., Vancouver.	3 lb.	25	B. C. Sugar Ref. Co., Vancouver.	.....
" 20	" .....	55423	Robson Grocery, 1028 Robson St., Vancouver.	3 "	25	" "	.....
" 22	" .....	55424	F. W. Woolworth Co., Columbia St., New Westminster.	2 pkgs	30	St. Lawrence Sugar Ref., Ltd., Montreal.	.....
" 24	" .....	55425	Filion, Ltd., 204 Carro l St., Vancouver.	3 lb.	25	B. C. Sugar Ref. Co., Vancouver.	.....

## DISTRICT OF VICTORIA—

Feb. 21	Sugar .....	66646	Windsor Grocery Co., 817 Government St., Victoria.	3 lb.	25	B. C. Sugar Ref. Co., Vancouver.	.....
" 22	" .....	66653	Dixie H. Ross & Co., 1317 Government St., Victoria.	3 "	30	" "	.....
" 22	" .....	66661	The West End Grocery Co., 1002 Govt. St., Victoria.	3 "	25	" "	.....
" 24	" .....	66676	H. O. Kirkham & Co., 1109 Government St., Victoria.	3 "	27	" "	.....
" 24	" .....	66683	Acton Bros., 1317 Douglas St., Victoria.	1 1/2 "	15	" "	.....
" 25	" .....	66688	Henry W. Driver, 856 Yates St., Victoria.	3 "	25	" "	.....
" 26	" .....	66692	Linden Grocery, Linden Ave. and May St., Victoria.	3 "	30	" "	.....
" 28	" .....	66697	Thos. Lea, 1358 Gladstone Ave., Victoria.	3 "	25	" "	.....
" 28	" .....	71302	H. Schroder, 300 Menzies St., Victoria.	3 "	30	" "	.....
" 29	" .....	71310	E. B. Jones, 1800 Cook St., Victoria.	3 "	30	" "	.....

## SUGAR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarisation of Normal Solution.			Cane Sugar.	Reducing Sugar as Invert Sugar.	Moisture.	Dyes.		
	Direct.	Invert.	Differ- ence.						

Concluded.

Lump . . . . .				99.7				55422	Refined Sugar. Gen- uine.
Brown . . . . .				92.78	3.71	1.50		55423	Brown Sugar.
Granulated . . . . .				99.9				55424	Refined Sugar. Gen-
" . . . . .				99.9				55425	" "

D. O'SULLIVAN, INSPECTOR.

				99.7				66646	Refined Sugar. Gen- uine.
				99.9				66653	" "
				99.7				6661	" "
				99.9				66676	" "
				99.9				66683	" "
				99.9				66688	" "
				99.7				66692	" "
				99.8				66697	" "
				99.9				71302	" "
				99.9				71310	" "

TABLE II—BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher, as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF NOVA SCOTIA—

1915.							
Dec. 29	Icing Sugar.	60422	James Cavanagh, New Glasgow.	3 lbs.	30	Redpath Refining Co., Montreal.	Laporte-Martin, Montreal.
" 30	"	60423	C. A. Fraser & Co., Stellarton.	3 "	36	G. E. Barbour Co., St. John.	Mfrs. ....

## DISTRICT OF PRINCE EDWARD ISLAND—

Dec. 14	Icing Sugar.	60411	Coffin & Co., Charlottetown.	3 lbs.	36	G. E. Barbour Co., St. John.	.....
" 14	"	60412	P. A. Smith, Charlottetown.	3 "	30	McCready & Co., St. John.	.....
" 17	"	60413	Beer & Goff, Charlottetown.	3 "	36	John P. Mott & Co., Halifax.	.....
" 17	"	60414	W. W. Walker, Charlottetown.	3 "	36	Atlantic S. R. Ltd., St. John.	.....

## DISTRICT OF NEW BRUNSWICK—

Dec. 15	Icing Sugar.	66211	Two Barkers Ltd., St. John.	3 pkgs	30	White Swan Co., Toronto.	.....
" 21	"	66212	James Collins, St. John.	3 "	36	McCready & Son, Ltd., St. John.	.....
" 23	"	66213	McCready & Sons, Ltd., St. John.	3 "	30	"	.....
1916.							
Jan. 15	"	66214	H. K. Donaghy, Perth.	3 "	36	H. W. Cole, Ltd., St. John.	.....

## DISTRICT OF QUEBEC CITY—

1915.							
Dec. 14	Sucre à glace.	56582	A. Martel, 141 2nd rue Li-moulin.	3 lbs.	30	St. Lawrence Sugar.	J. B. Letellier & Cie.
" 15	"	56583	J. B. Routier, 1023 St. Valier, Quebec.	3 "	36	"	"
" 15	"	56584	J. Gosselin, 43 rue St. Malo, Quebec.	3 "	30	Unknown...	Unknown
" 15	"	56585	H. Lapointe, 45 St. Sauveur, Quebec.	3 1/2 "	28	"	"

## ICING SUGAR.

Inspector's Report. (Is not an expression of opinion.	Results of Analysis							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Starch.	Microscopic Examination.	Dyes.		
	Direct.	Invert.	Differ- ence.						

## WALTER A. PETIPAS, TEMPORARY INSPECTOR.

.....	+ 95.9	- 31.1	127.0	95.73	4.41	.....	.....	60622	Genuine. Icing Sugar.
.....	+ 92.7	- 27.6	122.5	92.31	7.94	.....	.....	60623	Icing Sugar. Excess of Starch.

## W. M. A. WEEKS, INSPECTOR.

.....	+ 93.05	- 30.0	123.05	93.70	7.52	.....	.....	60411	Icing Sugar. Excess Starch.
.....	+ 95.1	- 30.5	125.6	94.68	5.26	.....	.....	60412	Genuine. Icing Sugar.
.....	+ 94.5	- 30.4	124.9	94.15	5.98	.....	.....	60413	Icing Sugar. Excess Starch, less than 1 p. c. Pass.
.....	+ 99.5	- 32.6	132.1	99.58	.....	.....	.....	60414	Refined Sugar. Genuine.

## JOHN C. FERGUSON, INSPECTOR.

.....	+ 96.25	- 31.0	127.25	95.93	4.27	.....	.....	66211	Genuine. Icing Sugar
.....	+ 95.65	- 30.7	126.35	95.26	4.30	.....	.....	66212	" "
.....	+ 91.4	- 29.1	120.5	90.81	7.92	.....	.....	66213	Icing Sugar. Excess Starch.
.....	+ 94.4	- 30.4	124.8	94.06	5.84	.....	.....	66214	Icing Sugar. Excess Starch, less than 1 p. Pass.

## F. X. W. E. BELAND, INSPECTOR.

.....	+ 99.6	.....	.....	99.6	.....	None.	.....	56582	Refined Sugar. Genuine.
.....	+ 99.9	.....	.....	99.9	.....	"	.....	56583	" "
.....	+ 100.0	.....	.....	100.0	.....	"	.....	56584	" "
.....	+ 99.9	.....	.....	99.9	.....	"	.....	56585	" "

TABLE II—BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

## DISTRICT OF NOVA SCOTIA—

1916.							
Feb. 21	Icing Sugar.	64377	J. L. Wilson & Co., Halifax.	3 lbs.	30	Atlantic Sugar Refining Co., St. John.	Mfrs. ....
" 22	" ..	64378	John Tobin & Co., Halifax.	3 "	27	Acadia Sugar Refining Co., Halifax.	" .....

## DISTRICT OF QUEBEC PROVINCE—J. E. AUDET, O. BROCHU,

1915.							
Dec. 23	Sucre à glace	3665	J. Dussault, St. Henedine..	3 lb.	30	J. B. Renaud, Quebec.	.....
1916.							
Jan. 13	"	3641	J. E. Fortier, St. Henri...	3 "	33	Redpath, Montreal.	.....
1915.							
Dec. 13	"	4430	Joseph Langlois, Armagh...	3 "	30	Acadia Sugar Ref. Co., Halifax.	.....
" 22	"	72203	T. B. C. Londreau, Montmagny.	3 "	30	.....	J. B. Renaud, Quebec.
" 24	"	72213	Alex. Fournier, Montmagny	3 "	24	.....	N. Rioux & Cie, Quebec.
" 22	"	4906	Louis O. Aubu, Bic .....	3 "	30	.....	Carrier & Fil, Lévis.
" 22	"	4912	J. Ernest Rioux, Bic .....	3 "	36	Dom. Sugar Co., Wallaceburg.	.....
" 16	"	341	Tancrede Lapointe, St. Jerome.	3 "	36	Hudon Hebert, Montreal.	.....
" 18	"	350	Charlemagne Huot, St. Jerome.	3 "	30	Hudon Orsali .....	.....

## DISTRICT OF THREE RIVERS—

Dec. 4	Sucre à glace	69190	Camille Barrette, Joliette..	3 lb.	30	Atlantic Sugar Co., Ltd., Montreal.	.....
" 16	"	69194	Napoleon Bolduc, St. Damien.	3 "	30	Redpath Co., Montreal.	Chevalier & Pontliot, Joliette.

## DISTRICT OF EASTERN TOWNSHIPS—

1916.							
Feb. 1	Icing Sugar.	67511	J. R. Robert, Sherbrooke...	3 lb.	30	Rowell Son & Co., Sherbrooke.	.....
" 11	"	67512	Mercure & Frere, Granby...	3 "	30	.....	.....
" 11	"	67513	A. Cote, Granby.....	3 "	30	.....	.....



## ICING SUGAR.

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Starch.	Microscopic Examination.	Dyes.		
	Direct.	Invert.	Differ- ence.						

R. J. WAUGH, INSPECTOR.

.....	+ 99.4	- 32.6	132.0	99.51	.....	.....	.....	64377	Refined Sugar. Genuine.
.....	+ 99.65	- 32.7	132.35	99.77	.....	.....	.....	64578	" "

T. GENDREAU, A. PELLETIER AND N. CADIEUX, TEMPORARY INSPECTORS.

.....	+ 99.35	- 32.2	131.65	99.24	.....	.....	.....	3605	Nearly refined sugar.
.....	+ 99.8	- 32.7	132.5	99.87	.....	.....	.....	3641	Refined sugar genuine.
Renaud, C. & Cie, C.	+ 100.0	.....	.....	100.0	.....	None.	.....	4430	" "
.....	+ 99.8	.....	.....	99.8	.....	"	.....	72203	" "
& Fils,	+ 99.5	.....	.....	99.5	.....	Pink, coal tar dye	.....	72313	" "
.....	+ 99.6	- 32.6	132.2	99.65	.....	.....	.....	4605	" "
.....	+ 97.5	- 31.2	128.7	97.02	2.97	.....	.....	4912	Genuine icing sugar.
.....	+ 96.0	.....	.....	96.0	.....	Maize starch.	None.	341	" "
.....	+ 100.0	.....	.....	100.0	.....	.....	.....	350	Refined sugar genuine.

DR. V. P. LAVALLEE, INSPECTOR.

.....	+ 99.9	.....	.....	99.9	.....	None.	.....	69190	Refined sugar genuine.
.....	+ 91.38	.....	.....	.....	8.95	Maize starch.	"	69194	Icing sugar. Excess starch.

J. J. COSTIGAN, ACTING INSPECTOR.

.....	+ 98.0	.....	.....	98.0	.....	Maize starch.	None.	67511	Genuine icing sugar.
Crystal Brand...	+ 97.3	.....	.....	97.3	.....	"	"	67512	" "
Redpath's	+ 95.0	.....	.....	95.0	.....	"	"	67513	" "

TABLE II—BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

  

DISTRICT OF MONTREAL—							
1916.							
Feb. 7	Icing Sugar.	67127	J. A. Bourdeau, 305 Charlevoix st., Montreal.	3 lb.	29	Unknown ..	
" 7	"	67128	T. M. Taylor & Son, 23 Charlevoix st., Montreal.	3 "	24	Canada S. R. Co.	
" 8	"	67129	N. Lalonde, 361 Charlevoix st., Montreal.	3 "	30	Unknown ..	
" 8	"	67130	Boisvert Bros., 351 Hibernia st., Montreal.	3 "	30	Dom. Sugar Co.	

  

DISTRICT OF VALLEYFIELD—							
1915.							
Dec. 28	Icing Sugar	62911	V. Gregoire, St. John's ..	3 lb.	30		
1916.							
Jan. 4	"	62912	J. A. Lalonde, Alexandria..	3 "	30		
" 12	"	62913	W. J. McPherson, Valley field.	3 "	27	St. Lawrence S.R. Co., Ltd.	
" 12	"	62914	E. Dion, Valleyfield .....	3 "	30		

  

DISTRICT OF OTTAWA—							
1915.							
Dec. 7	Icing Sugar	70556	Mundle & Percival, Kemptville.	3 lb.	25	Redpath's, Montreal.	
" 8	"	70562	Alexander Sibbitt, Carleton Place.	3 "	30		F. J. Castle Co., Ottawa.
" 11	"	70571	W. & J. Meikle, Morrisburg	3 "	30	St. Lawrence Co., Montreal.	
" 14	"	70584	Jas. MacPherson, Arnprior.	3 "	30		Forbes Bros., Arnprior.
" 20	"	70610	Roy Carnegie, 1220 Wellington St., Ottawa.	3 "	30		H. N. Bate & Sons, Ottawa.

  

DISTRICT OF KINGSTON—							
Dec. 9	Icing Sugar	71711	A. Glover, Kingston..	3 lb.	30		Robertson, Nicolle, Kingston.
" 9	"	71712	J. Gilbert, " .....	3 "	30		W. G. Craig Co., Kingston.
" 13	"	71713	H. A. Fairfield, Belleville	3 "	27		J. Sloan Co., Belleville.
" 14	"	71714	E. Guillet, Cobourg .....	3 "	30		Perkins Inc Co. Peterboro.

## ICING SUGAR.

Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Starch.	Microscopic Examination.	Dyes.		
	Direct.	Invert.	Differ- ence.						

## D. J. KEARNEY, INSPECTOR.

.....	+ 97.0	.....	.....	97.0	.....	Maize starch.	None.	67127	Genuine icing sugar.
.....	+ 100.0	.....	.....	100.0	.....	"	"	67128	Refined sugar genuine.
.....	+ 97.7	.....	.....	97.7	.....	Maize starch.	"	67129	Genuine icing sugar.
.....	+ 97.3	.....	.....	97.3	.....	"	"	67130	" "

## J. J. COSTIGAN, ACTING INSPECTOR.

Diamond Brand..	+ 95.3	.....	.....	95.3	.....	Maize Starch.	None.	62911	Genuine Icing Sugar.
Redpath Brand...	+ 97.5	.....	.....	97.5	.....	"	"	62912	" "
.....	+ 99.9	.....	.....	99.9	.....	"	"	62913	Refined Sugar. Gen- uine.
Crystal ..	+ 95.8	.....	.....	95.8	.....	"	"	62914	Genuine Icing Sugar.

## J. A. RICKEY, INSPECTOR.

.....	+ 96.6	.....	.....	96.6	.....	Maize Starch.	None.	70656	Genuine Icing Sugar.
.....	+ 95.5	.....	.....	95.5	.....	"	"	70657	" "
.....	+ 96.5	.....	.....	96.5	.....	"	"	70671	" "
.....	+ 97.5	.....	.....	97.5	.....	"	"	70691	" "
.....	+ 97.2	.....	.....	97.2	.....	"	"	70610	" "

## JAMES HOGAN, INSPECTOR.

.....	+ 97.0	.....	.....	97.0	.....	Maize Starch.	None.	71711	Genuine Icing Sugar.
.....	+ 96.9	.....	.....	96.9	.....	"	"	71712	" "
.....	+ 96.8	.....	.....	96.8	.....	"	"	71713	" "
.....	+ 96.5	.....	.....	96.5	.....	"	"	71714	" "

TABLE II—BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.

  

DISTRICT OF TORONTO—							
1915.							
Dec. 20	Icing Sugar.	69986	Groves Bros., 169 Wilton Ave., Toronto.	3 lb.	25		Midland Bros., Toronto.
" 20	"	69987	J. & W. McFarren, 214 Queen St., E. Toronto.	3 "	25	John Redpath & Son, Montreal.	
" 21	"	69988	M. W. Little, 494 Bloor St., W. Toronto.	3 "	30		Thos. Kinnear & Co., Toronto.
" 23	"	69989	E. McDowell, 828 Broadview Ave., Toronto.	3 "	30		Dalton Bros., Toronto.

  

DISTRICT OF WINDSOR—							
1916.							
Jan. 11	Icing Sugar.	54526	E. E. Hunniford, Clinton...	3 lb.	24	Redpath, Montreal	
" 12	"	54547	Jas. H. Pipe, Goderich....	3 "	30		E. Adams & Co., London.
" 13	"	54554	Thos. Daly, Seaforth.....	3 "	35		Stratford Wholesale Grocery, Stratford.
" 13	"	54556	M. Williams, ".....	3 "	30		A. K. Smith & Co., London.

  

DISTRICT OF MANITOBA—							
1915.							
Dec. 20	Icing Sugar.	71957	Emmerson Supply Co., Emmerson.	3 lb.	25	Codville Co., Winnipeg.	
" 22	"	71958	W. C. Hemenway, Carman.	3 "	25	" "	
1916.							
Jan. 4	"	71959	W. C. McShane, Souris....	3 "	35	Gold Standard Co., Winnipeg.	
" 4	"	71960	White & Ziegler, "....	3 "	30	Dom. Sugar Co., Wallaceburg.	

  

DISTRICT OF SASKATCHEWAN—							
1915.							
Dec. 16	Icing Sugar.	71519	M. A. Wilkinson, Yellow Grass.	3 lb.	35	B. C. Sugar Ref. Co., Vancouver.	Campbell, Wilson & Strathdee, Regina.
" 17	"	71524	Hollonquish Bros., Weyburn	3 "	40	" "	Weyburn Grocery, Weyburn

## ICING SUGAR.

Inspector's Report. (Is not an expression of Opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Starch.	Microscopic Examination.	Dyes.		
	Direct.	Invert.	Differ- ence.						

## H. J. DAGER, INSPECTOR.

.....	+ 96.5	.....	.....	95.8	.....	Maize Starch.	None.	60006	Genuine Icing Sugar.
.....	+ 96.5	.....	.....	96.5	.....	"	"	60007	" "
.....	+ 96.0	.....	.....	96.0	.....	"	"	60008	" "
.....	+ 97.8	.....	.....	97.8	.....	"	"	60009	" "

## JOHN TALBOT, INSPECTOR.

.....	+ 96.3	.....	.....	96.3	.....	Maize starch.	None.	54526	Genuine Icing Sugar.
.....	+ 98.3	.....	.....	98.3	.....	"	"	54547	" "
.....	+ 94.3	.....	.....	94.3	.....	"	"	54554	Icing Sugar. Excess starch, less than 1 p.c. pass.
.....	+ 95.8	.....	.....	95.8	.....	"	"	54556	Genuine Icing Sugar.

## J. B. COSGROVE, TEMPORARY INSPECTOR.

.....	.....	.....	.....	88.0	.....	Maize starch.	None.	71937	Prepared Icing Sugar, flavoured. (Labelled Almond Icing.)
.....	.....	.....	.....	96.0	.....	"	"	71938	Genuine Icing Sugar.
.....	.....	.....	.....	91.0	.....	"	"	71939	" "
.....	.....	.....	.....	96.0	.....	"	"	72900	" "

## L. H. HALL, TEMPORARY INSPECTOR.

.....	.....	.....	.....	96.0	.....	Maize starch.	None.	71519	Genuine Icing Sugar.
.....	.....	.....	.....	96.0	.....	"	"	71524	" "

TABLE II—BULLETIN No. 343—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.	
				Quantity.	Cents.	Manufacturer.	Furnisher.
DISTRICT OF ALBERTA—							
1916.							
Feb. 10	Icing Sugar.	52311	H. Morris & Co., Edmonton	3 lb.	30	B. C. Sugar Ref. Co., Vancouver.	
" 11	"	52312	Johnston Walker, Ltd., Edmonton.	3 "	33	" "	
" 11	"	52313	Hudson's Bay Co., Edmonton.	3 "	30	" "	
" 21	"	52314	S. G. Freeze, Calgary	3 "	35	" "	
DISTRICT OF ROCKY MOUNTAINS—							
1915.							
Dec. 14	Icing Sugar.	68125	Citizens' Co-op. Assn. Nelson	3 lb.	40	B. C. Sugar Ref. Co., Vancouver.	
1916.							
Jan. 17	"	68143	J. Manning, Cranbrook	3 "	40	" "	
" 12	"	68161	Salmo Trading Co., Salmo	3 "	45	Kelly, Douglas & Co., Vancouver.	
DISTRICT OF VANCOUVER—							
Jan. 14	Icing Sugar.	55426	David Spencer, Ltd., Vancouver.	3 lb.	36	B. C. Sugar Ref. Co., Vancouver.	
" 15	"	55427	Woodward's Dept. Stores, Vancouver.	3 "	30	" "	
" 22	"	55428	New Westminster Co-op. Assn., 33 Eighth st., New Westminster.	3 "	30	" "	
" 22	"	55429	C. A. Welsh, Ltd., 681 Columbia st., New Westminster.	3 "	50	" "	
DISTRICT OF VICTORIA—							
Feb. 21	Icing Sugar.	66647	Windsor Grocery Co., 817 Govt. st., Victoria.	3 lb.	35	B. C. Sugar Ref. Co., Vancouver.	
" 22	"	66654	Dixie H. Ross & Co., 1317 Govt. st., Victoria.	3 "	45	" "	
" 22	"	66662	The West End Grocery Co., 1002 Govt. st., Victoria.	3 "	40	" "	
" 24	"	66677	H. O. Kirkham & Co., 1109 Govt. st., Victoria.	3 "	33	" "	



## ICING SUGAR

Inspector's Report. (Is not an expression of opinion.)	Results of Analysis.							No. of Sample.	Remarks and Opinion of the Chief Analyst.
	Polarization of Normal Solution.			Cane Sugar.	Starch.	Microscopic Examination.	Dyes.		
	Direct.	Invert.	Differ- ence.						
A. W. R. MARKLEY, INSPECTOR.									
.....	.....	.....	.....	97.76	1.81	.....	.....	52311	Genuine Icing Sugar.
Rogers Brand .....	.....	.....	.....	97.24	2.15	.....	.....	52312	" "
.....	.....	.....	.....	97.24	2.43	.....	.....	52313	" "
.....	.....	.....	.....	97.76	1.91	.....	.....	52314	" "
THOS. PARKER, INSPECTOR.									
.....	.....	.....	.....	94.64	4.40	.....	.....	68125	Genuine Icing Sugar.
.....	.....	.....	.....	96.70	2.71	.....	.....	68143	" "
.....	.....	.....	.....	97.76	1.55	.....	.....	68161	" "
E. J. MORGAN, INSPECTOR.									
.....	.....	.....	.....	93.69	5.39	.....	.....	55426	Icing Sugar. Excess starch, less than 1 p.c. pass.
.....	.....	.....	.....	95.68	3.54	.....	.....	55427	Genuine Icing Sugar.
.....	.....	.....	.....	97.24	2.32	.....	.....	55428	" "
.....	.....	.....	.....	99.76	1.80	.....	.....	55429	" "
D. O'SULLIVAN, INSPECTOR.									
.....	.....	.....	.....	97.76	1.75	.....	.....	66647	Genuine Icing Sugar.
.....	.....	.....	.....	99.82	0.00	.....	.....	66654	" "
.....	.....	.....	.....	98.80	0.82	.....	.....	66662	" "
.....	.....	.....	.....	97.24	2.10	.....	.....	66677	" "